

Specifications:

Gene:	<i>h</i> LILRB5
Accession:	NP_006831
Insert size:	1786bp
Concentration:	10µg at 0.2µg/µL

*h*LILRB5/CD85c/LIR-8 cDNA Plasmid

LILRB5 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5 [*Homo sapiens* (human)]

Also known as: LIR8; CD85C; LIR-8

Summary:

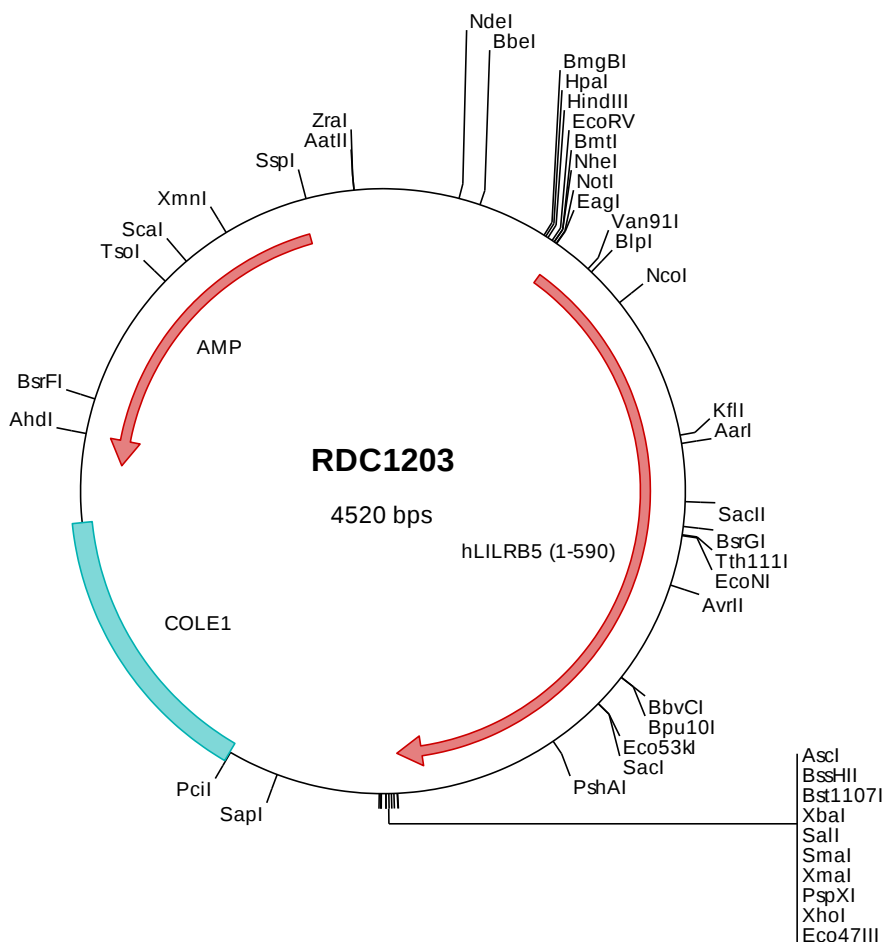
LILRB5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. It belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC1203 Plasmid DNA Sequence

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301  tacgccagct ggcgaaggg ggaagtgtct caaggcgatt aagtttggga acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
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> RDC1203 Translated Insert Sequence

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```